

## CLAIMS

1. An industrial robot capable of being used in a floor-mounted state and a ceiling-mounted state, comprising:

- 5           a base for installation;
- a first arm rotatably attached to the base;
- a second arm being pivotable with respect to the first arm;
- a third arm pivotably attached to the second arm;
- a wire feeder provided to the second arm and being rotatable around a  
10          rotation axis;
- a welding torch; and
- a torch cable for feeding a welding wire to the welding torch, the torch  
cable coupled to the wire feeder.

15        2. The industrial robot according to claim 1, further comprising a fixing  
device including the rotation axis and provided to the second arm.

20        3. The industrial robot according to claim 1, further comprising a feeder  
cable for electrically coupling between an inside of the industrial robot and the  
wire feeder;

          wherein the rotation axis is composed of a hollow rotating hollow pipe  
shaft, and the feeder cable passes through the rotating hollow pipe shaft.

25        4. The industrial robot according to claim 1, further comprising a rotation  
fixing part for fixing an rotation angle of the wire feeder.

5. The industrial robot according to claim 1, wherein a position to which the

wire feeder is attached is offset to a position apart from the third arm.

6. The industrial robot according to claim 1, wherein at least a part of the wire feeder is located on the second arm.

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7. The industrial robot according to claim 1, further comprising a fourth arm pivotably attached to the first arm and the second arm.

8. The industrial robot according to claim 7, wherein the fourth arm is  
10 attached to one side face of the first arm and one side face of the second arm,  
and the wire feeder is located opposite to the fourth arm relatively to a rotating  
axis of the first arm.